

30

20

10 0

-10

-20

-30

-Co-Polar

X-Polar

40

-50

60

# OA-1.4H-4.7H/2597 Dual Band Omni Antenna

### **Key Features:**

Designed for ground vehicle applications

**Rugged design** 

**Integral spring** 

Standard US/NATO 4 & 6 hole pattern

Ø 50.10 [1.97]

Ø31.60 1.24

Single connector

118 4.65

Î

1132 44.57

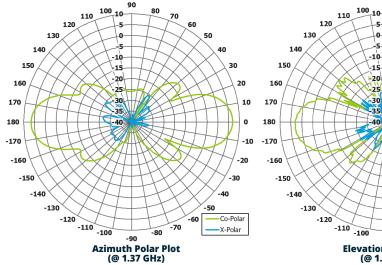
SIDE

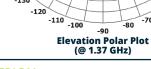
VIEW

BASE

VIEW

944 37.17





#### **ELECTRICAL**

Frequency:	1.35 to 1.39 GHz	4.4 to 5.0 GHz
Gain (Peak):	6.7 dBi Typ.	5 dBi Typ.
Gain (Average):	5.5 dBi Typ.	3 dBi Typ.
Polarisation:	Horizontal	Horizontal
Beamwidth:	360° x 22° Typ.	360° x 25° Typ.
Azimuth Ripple:	±1.3 dB Typ.	±1.75 dB Typ.
Cross Polar:	>30 dB Typ.	>20 dB Typ.
VSWR:	2:1 Max.	2:1 Max.
Power Rating:	10 W	10 W

#### **MECHANICAL**

Standard Finish:	Black
Mass:	2.3 Kg / 5.1 lbs
Temperature:	-40 to +70°C

## **MOUNTING OPTIONS**

Kits Available:

Integrated

Full radiation patterns and CAD available on request DS: 2597-2

Issued: 050922

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MOUNTED VIA 4 OFF

N(F) CONNECTOR MOUNTED VIA 6 OFF Ø7[0.3] HOLES THRO' ON 111.1[4.4] PCD.

Ø11[0.4] HOLES THRO' EQUI. SP ON 114.3[4.5] PCD.

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Dimensions: mm [inches]